MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Ist and final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B SBR/05/1617 A30-7-16

Serial No. Constructn of R.C.C. drain in Vijayalakshmi layout in ward No. 13.

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency The Technical Manager, BRIDL (west)

Date of commencement of work .....

416241 BSR No. 108 39/2016

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Job code :- 013-16-000038. Est. cost :- 50.00 lakhs. A.S No :- AC/DZ/AE/07/16-17, Dt. 12.05.2016 T.S. No :- CE/DZ/TS/14/16-17, Dt. 16.05.2016. W.O. No :- EE/DD/WO/24/16-17. Dt. 27.05.2016. Date of recording :- 30-7-16						
①	Earthwork excavation by manual means in ordinary soil involving in average horizontal throw upto 2 m & an average lift upto 1.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	levelled neatly after breaking of clods complete as per specifications						
	Qty vide item No. ① of this MB. page no. 416292.					519.58 cum	
	@ Rate of 83.16/cum					= ₹43,209/-	
						43208:00	
②	Providing and laying in position plain cement concrete of nominal mix M10 with OPC cement @ 220 kgs/m³ with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, TOM & machinery, curing complete as per specifications.						
	Qty vide item No. ② of this MB. Page no. 416298.					101.84 cum	
	@ Rate of 5139.94/m³					= ₹5,23,449/-	
						523451:00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

416242

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
③	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs/m³ with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ 0.460 cum, with super plasticizers @ 3 ltrs. conforming to IS 9103-1999 reaffirmed -2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, post, struts, buttresses, string or lacing						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Courses, parapets, bed blocks, anchor blocks, plain window cills, fillets, etc. including cost of all materials labour, ToM & machinery, curing complete as per specifications.						
	Qty vide item No. ③ of this MB. page No. 416297 . .					252.26 Cum	
	Qty limited to					252.05 Cum	
	@ Rate of 6083.34/Cum.					= ₹15,33,306/-	1533306=00
④	Providing T.M.T steel reinforcement for R.C.C. works including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design. Clips, hooks and wastage should not be measured &						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

416243

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Paid) Cost of materials, labour, ToM & machinery complete as per specifications.						
	Qty vide item ④ of this MB page No. 416293 - - -					157.91 Qtl	1081890=00
	@ Rate of 6851.31 Qtl -					- - - = ₹10,81,879/-	
⑤	Providing and removing centering, shuttering, strutting propping etc. and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide item no (5) of this MB page no. 41 6294. @ rate of 301.04/sqm					2401.20 sqm = ₹ 7,22,857/-	
	(6) providing and laying reinforced cement precast slabs of mix CC 1:1½:3 using 20mm & down size graded granite metal using HYSD 10mm dia steel @ 100mm c/c both ways and complete as per specifications						
	Qty as per maintd. RFs	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	18.00	0.90		16.20	
	HS	1	10.00	0.90		9.00	
		1	12.00	0.90		10.80	
		1	13.00	0.90		11.70	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

416244

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Rd-1	1	12.50	0.90		11.25	
		1	30.00	0.90		27.00	
		1	16.50	0.90		14.85	
		1	30.00	0.90		27.00	
		1	17.50	0.90		15.75	
	Cross Rd-2	1	30.00	0.90		27.00	
		1	6.00	0.90		5.40	
		1	30.00	0.90		27.00	
		1	18.00	0.90		16.20	
	2nd WBM	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.90		27.00	
		1	10.00	0.90		9.00	
					Total Qty =	390.15 Sqm	
					@ Rate of 1600/Sqm	= ₹ 6,24,246/-	
	(7). Disposal of debris to the final place of disposal with all lead and lift and as directed by the Engineer in charge of the work. Lead 10 Km.						
	Qty vide item - No. (1). of this work.				519.58 cum		
	@ Rate of 81.73/cum					= ₹ 42,466/-	
					Sub Total	= ₹ 45,71,406/-	
					R.C.C. 8% :	= ₹ 3,65,712/-	
					Total Bill Amt	= ₹ 49,37,118/-	

Chd & Fee
30/7/2016
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

45,71,417-00
3,65,712-00
49,37,129-00

81.73

Th Murthy AE 30-7-16

FORM No. 57 (Rule 116)
Measurement Book

No. B

416245

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc .....
Date of commencement of work .....
To .....

Audited and admitted for Rs. 49,37,129-00
Passed by Cheque for Rs. 47,82,058-00
by adjustment Rs. 1,55,071-00

Accounts Superintendent
Exe. Engineer
B.B.M.P. Dasarahalli Division

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate						65407-00
	(1) The work done by contractor satisfactorily.						
	(2) The contractor has removed all debris from the work spot.						
	(3) There is no departmental issues.						

Th Murthy AE 30-7-16

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	"Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	N Shutting Bangala Road 42.25 m 1st A class Shutting Path 105.00 m 1st Main Road 1127.00 m 47.00 1st row 36.00 m 2nd row 1141.00 INDEX Rec Drawing						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2